

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2384	708/270-277.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/03 13:56
L2	493	1 and phase\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/03 13:56
L3	101	(flip-flop\$1 or (flip adj flop\$1)) and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/03 14:17
L4	46246	frequency adj divider\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/03 14:17
L5	10664	(flip-flop\$1 or (flip adj flop\$1)) and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/03 14:17
L6	6235	5 and phase\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/03 14:18
L7	13	6 and 1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/03 14:18
S1	4	"6707326".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/03 13:55
S2	113349	"708"/\$.ccls. or "327"/\$.ccls. or "377"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 14:42

S3	196	(alyosha.in. or molnar.in.) and frequenc\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 14:44
S4	119	(alyosha.in. or molnar.in.) and (frequenc\$3.ti. or frequenc\$3.ab. or frequenc\$3.clm.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 14:44
S5	30	((alyosha.in. or molnar.in.) and (frequenc\$3.ti. or frequenc\$3.ab. or frequenc\$3.clm.)) and (rahul.in. or magoon.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 14:50
S6	4776	((divider\$1 or dividing) and frequenc\$3).ti. or ((divider\$1 or dividing) and frequenc\$3).ab. or ((divider\$1 or dividing) and frequenc\$3).clm.) and ("708"/\$.ccls. or "327"/\$.ccls. or "377"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 14:54
S7	4873	327/115,117,113,114.ccls. or 377/47,48.ccls. or 708/270,271.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 08:18
S8	1115	((divider\$1 or dividing) and frequenc\$3).ti. or ((divider\$1 or dividing) and frequenc\$3).ab. or ((divider\$1 or dividing) and frequenc\$3).clm.) and (327/115,117,113,114.ccls. or 377/47,48.ccls. or 708/270,271.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 14:54
S9	270	(storage or memory) and (((divider\$1 or dividing) and frequenc\$3).ti. or ((divider\$1 or dividing) and frequenc\$3).ab. or ((divider\$1 or dividing) and frequenc\$3).clm.) and (327/115,117,113,114.ccls. or 377/47,48.ccls. or 708/270,271.ccls.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 14:55
S10	189	oscillat\$5 and ((storage or memory) and (((divider\$1 or dividing) and frequenc\$3).ti. or ((divider\$1 or dividing) and frequenc\$3).ab. or ((divider\$1 or dividing) and frequenc\$3).clm.) and (327/115,117,113,114.ccls. or 377/47,48.ccls. or 708/270,271.ccls.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 14:55

S11	151	(oscillat\$5 and ((storage or memory) and (((divider\$1 or dividing) and frequenc\$3).ti. or ((divider\$1 or dividing) and frequenc\$3).ab. or ((divider\$1 or dividing) and frequenc\$3).clm.) and (327/115,117,113,114.ccls. or 377/47,48.ccls. or 708/270,271.ccls.))) and phas\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 14:55
S12	151	(oscillat\$5 and ((storage or memory) and (((divider\$1 or dividing) and frequenc\$3).ti. or ((divider\$1 or dividing) and frequenc\$3).ab. or ((divider\$1 or dividing) and frequenc\$3).clm.) and (327/115,117,113,114.ccls. or 377/47,48.ccls. or 708/270,271.ccls.))) and phas\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 15:30
S13	23	"708"/\$.ccls. and ((oscillat\$5 and ((storage or memory) and (((divider\$1 or dividing) and frequenc\$3).ti. or ((divider\$1 or dividing) and frequenc\$3).ab. or ((divider\$1 or dividing) and frequenc\$3).clm.) and (327/115, 117,113,114.ccls. or 377/47,48. ccls. or 708/270,271.ccls.))) and phas\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 15:34
S14	112	"327"/\$.ccls. and ((oscillat\$5 and ((storage or memory) and (((divider\$1 or dividing) and frequenc\$3).ti. or ((divider\$1 or dividing) and frequenc\$3).ab. or ((divider\$1 or dividing) and frequenc\$3).clm.) and (327/115, 117,113,114.ccls. or 377/47,48. ccls. or 708/270,271.ccls.))) and phas\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 15:42
S15	79	"377"/\$.ccls. and ((oscillat\$5 and ((storage or memory) and (((divider\$1 or dividing) and frequenc\$3).ti. or ((divider\$1 or dividing) and frequenc\$3).ab. or ((divider\$1 or dividing) and frequenc\$3).clm.) and (327/115, 117,113,114.ccls. or 377/47,48. ccls. or 708/270,271.ccls.))) and phas\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 15:42

S16	25	("377"/\$.ccls. and ((oscillat\$5 and ((storage or memory) and (((divider\$1 or dividing) and frequenc\$3).ti. or ((divider\$1 or dividing) and frequenc\$3).ab. or ((divider\$1 or dividing) and frequenc\$3).clm.) and (327/115, 117,113,114.ccls. or 377/47,48. ccls. or 708/270,271.ccls.))) and phas\$3)) not ("708"/\$.ccls. and ((oscillat\$5 and ((storage or memory) and (((divider\$1 or dividing) and frequenc\$3).ti. or ((divider\$1 or dividing) and frequenc\$3).ab. or ((divider\$1 or dividing) and frequenc\$3).clm.) and (327/115,117,113,114.ccls. or 377/47,48.ccls. or 708/270,271. ccls.))) and phas\$3)) or ("327"/\$.ccls. and ((oscillat\$5 and ((storage or memory) and (((divider\$1 or dividing) and frequenc\$3).ti. or ((divider\$1 or dividing) and frequenc\$3).ab. or ((divider\$1 or dividing) and frequenc\$3).clm.) and (327/115,117,113,114.ccls. or 377/47,48.ccls. or 708/270,271. ccls.))) and phas\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/07 15:43
S17	18266	harmonic\$1 and frequenc\$3 and (divider\$1 or division) and phase\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 08:20
S18	166	(harmonic\$1 and frequenc\$3 and (divider\$1 or division) and phase\$1) and (327/115,117,113, 114.ccls. or 377/47,48.ccls. or 708/270,271.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 08:19
S19	96	((frequenc\$3 and (division or divider\$1)).ti. or (frequenc\$3 and (division or divider\$1)).ab. or (frequenc\$3 and (division or divider\$1)).clm.) and ((harmonic\$1 and frequenc\$3 and (divider\$1 or division) and phase\$1) and (327/115,117,113, 114.ccls. or 377/47,48.ccls. or 708/270,271.ccls.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 08:19

S20	57	(phase\$1.ti. or phase\$1.ab. or phase\$1.clm.) and (((frequenc\$3 and (division or divider\$1)).ti. or (frequenc\$3 and (division or divider\$1)).ab. or (frequenc\$3 and (division or divider\$1)).clm.) and ((harmonic\$1 and frequenc\$3 and (divider\$1 or division) and phase\$1) and (327/115,117,113, 114.ccls. or 377/47,48.ccls. or 708/270,271.ccls.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/08 08:21
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frequency divider

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JNL = Journal or Magazine CNF = Conference STD = Standard

1 Novel Design Approach for X-Band GaAs Monolithic Analog 1/4

Frequency Divider

Honjo, K.; Madihan, M.;
Microwave Theory and Techniques, IEEE Transactions on , Volume: 34 , Issue: 4 , Apr 1986
Pages:436 - 441

[Abstract] [PDF Full-Text (1048 KB)] IEEE JNL

2 An analytical maximum toggle frequency expression and Its application to optimizing high-speed ECL frequency dividers

Fang, W.; Brunschweiler, A.; Ashburn, P.;
Solid-State Circuits, IEEE Journal of , Volume: 25 , Issue: 4 , Aug. 1990
Pages:920 - 931

[Abstract] [PDF Full-Text (860 KB)] IEEE JNL

3 A mm-wave frequency divider

Nuchter, P.; Menzel, W.;
Microwave Symposium Digest, 1992., IEEE MTT-S International , 1-5 June 1992
Pages:695 - 697 vol.2

[Abstract] [PDF Full-Text (172 KB)] IEEE CNF

4 A novel frequency divider configuration for micro- and millimeter-wave signals

Nuchter, P.; Menzel, W.;
Microwave and Guided Wave Letters, IEEE [see also IEEE Microwave and Wireless Components Letters] , Volume: 6 , Issue: 7 , July 1996
Pages:265 - 267

[Abstract] [PDF Full-Text (208 KB)] IEEE JNL

5 Very-high-speed Si bipolar static frequency dividers with new T-type flip-flops

Ishii, K.; Ichino, H.; Togashi, M.; Kobayashi, Y.; Yamaguchi, C.;
Solid-State Circuits, IEEE Journal of , Volume: 30 , Issue: 1 , Jan. 1995
Pages:19 - 24

[Abstract] [PDF Full-Text (544 KB)] IEEE JNL

6 A Si bipolar 28-GHz dynamic frequency divider

Kurisu, M.; Uemura, G.; Ohuchi, M.; Ogawa, C.; Takemura, H.; Morikawa, T.; Tashiro, T.;
Solid-State Circuits, IEEE Journal of , Volume: 27 , Issue: 12 , Dec. 1992
Pages:1799 - 1804

[Abstract] [PDF Full-Text (652 KB)] [IEEE JNL](#)

7 High-speed CMOS frequency divider

Chen, R.Y.;
Electronics Letters , Volume: 33 , Issue: 22 , 23 Oct. 1997
Pages:1864 - 1865

[Abstract] [PDF Full-Text (280 KB)] [IEE JNL](#)

8 GaAs heterostructure FET frequency dividers fabricated with high-yield 0.5 μm direct-write trilevel-gate-resist

Ren, F.; Resnick, D.J.; Atwood, D.K.; Tu, C.W.; Kopf, R.F.; Shah, N.J.;
Electronics Letters , Volume: 25 , Issue: 24 , 23 Nov. 1989
Pages:1631 - 1632

[Abstract] [PDF Full-Text (188 KB)] [IEE JNL](#)

9 55GHz CMOS frequency divider with 3.2GHz locking range

Yamamoto, K.; Fujishima, M.;
Solid-State Circuits Conference, 2004. ESSCIRC 2004. Proceeding of the 30th European , 21-23 Sept. 2004
Pages:135 - 138

[Abstract] [PDF Full-Text (309 KB)] [IEEE CNF](#)

10 Wide-band CMOS VCO and frequency divider design for quadrature signal generation

Park, Y.; Chakraborty, S.; Lee, C.-H.; Nuttinck, S.; Laskar, J.;
Microwave Symposium Digest, 2004 IEEE MTT-S International , Volume: 3 , 6-11 June 2004
Pages:1493 - 1496 Vol.3

[Abstract] [PDF Full-Text (658 KB)] [IEEE CNF](#)

11 A V-band VCO and frequency divider MMICs for phased-locked loop

Ockgo Lee; Jeong-Geun Kim; Sang-Hoon Jeon; Jae-Woo Park; Songchel Hong;
Microwave Symposium Digest, 2004 IEEE MTT-S International , Volume: 3 , 6-11 June 2004
Pages:1321 - 1324 Vol.3

[Abstract] [PDF Full-Text (471 KB)] [IEEE CNF](#)

12 Over-60-GHz operation of SCFL dynamic frequency divider using InP-based HEMTs

Umeda, Y.; Osafune, K.; Enoki, T.; Yokoyama, H.; Ishii, Y.; Imamura, Y.;
Microwave Symposium Digest, 1997., IEEE MTT-S International , Volume: 2 , 8-13 June 1997
Pages:457 - 460 vol.2

[Abstract] [PDF Full-Text (480 KB)] [IEEE CNF](#)

13 A novel approach to the analysis of microwave regenerative analog frequency dividers

Cheng, K.-K.M.; Chun-Wah Fan;
Microwave and Guided Wave Letters, IEEE [see also IEEE Microwave and Wireless Components Letters] , Volume: 8 , Issue: 7 , July 1998
Pages:266 - 267

[Abstract] [PDF Full-Text (56 KB)] [IEEE JNL](#)

14 7.3-GHz dynamic frequency dividers monolithically integrated in a standard bipolar technology*Derkzen, R.H.; Rein, H.-M.;*Microwave Theory and Techniques, IEEE Transactions on , Volume: 36
, Issue: 3 , March 1988

Pages:537 - 541

[\[Abstract\]](#) [\[PDF Full-Text \(604 KB\)\]](#) [IEEE JNL](#)

15 SiGe regenerative frequency divider operating up to 63 GHz*Mullrich, J.; Klein, W.; Khelifi, R.; Rein, H.-M.;*

Electronics Letters , Volume: 35 , Issue: 20 , 30 Sept. 1999

Pages:1730 - 1731

[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) [IEE JNL](#)

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